

I claim:

1. An aqueous coating composition comprising, based on the weight of said aqueous coating composition:

a) from 10 to 70 weight % of at least one polyurethane polymer, wherein said polyurethane polymer contains at least two carboxylic acid groups;

b) from 1 to 60 weight % of at least one crosslinking agent;

c) from 0.01 to 4 weight % of at least one wetting agent;

d) from 0.1 to 15 weight % of at least one slip aid; and

e) from 0.01 to 20 weight % UV stabilizing agent.

2. The aqueous coating composition according to claim 1 wherein said polyurethane polymer has an acid number in the range of 5 to 50.

3. The aqueous coating composition according to claim 1 further comprising from 0.5 to 20 weight % flattening agent.

4. The aqueous coating composition according to claim 1 wherein said crosslinking agent contains oxazoline groups.

5. A method of preparing a coated substrate comprising the steps of:

a) preparing an aqueous coating composition comprising:

i) from 10 to 70 weight % of at least one polyurethane polymer, wherein said polyurethane polymer contains at least two carboxylic acid groups;

ii) from 1 to 60 weight % of at least one crosslinking agent;

iii) from 0.01 to 4 weight % of at least one wetting agent;

iv) from 0.1 to 15 weight % of at least one slip aid; and

v) from 0.01 to 20 weight % UV stabilizing agent;

b) applying said aqueous coating composition to a substrate;

c) drying or allowing to dry said aqueous coating composition to provide

a precrosslinked coated substrate; and

20070912-021802

d) curing or allowing to cure said precrosslinked coated substrate to provide said coated substrate.

6) The method of claim 5 wherein said substrate is selected from the group consisting of chlorosulfonated polyethylene rubber, ethylene-propylene rubber, ethylene-propylene-diene rubber, halogenated nitrile rubber, thermoplastic elastomers, thermoplastic polyolefins, propylene oxide polymers, and epichlorohydrin polymers.

7) The method of claim 5 wherein said coated substrate has a coefficient of friction of 3 or less.

8) An article comprising a coated substrate comprising:

- a) a substrate; and
- b) a coating prepared from an aqueous coating composition comprising:
 - i) from 10 to 70 weight % of at least one polyurethane polymer, wherein said polyurethane polymer contains at least two carboxylic acid groups;
 - ii) from 1 to 60 weight % of at least one crosslinking agent;
 - iii) from 0.01 to 4 weight % of at least one wetting agent;
 - iv) from 0.1 to 15 weight % of at least one slip aid; and
 - v) from 0.0.1 to 20 weight % UV stabilizing agent.

9) The article according to claim 8 wherein said substrate is selected from the group consisting of chlorosulfonated polyethylene rubber, ethylene-propylene rubber, ethylene-propylene-diene rubber, halogenated nitrile rubber, thermoplastic elastomers, thermoplastic polyolefins, propylene oxide polymers, and epichlorohydrin polymers.

10) The article according to claim 8 wherein said coated substrate has a coefficient of friction of 3 or less.

2007501-021802